



FEMA



Prepared by
Brian Hoeth

FEMA Region 6 Weather Threat Briefing

Wednesday May 11, 2022

Disclaimer: The purpose of this briefing is to provide a **Regional** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information. To find your local NWS forecast office, go to www.weather.gov/srh.



NWSSouthern

www.weather.gov/srh



Summary of the Upcoming Week

- **Critical fire weather conditions across NM today and for NM and the TX/OK Panhandles tomorrow.**
- **Severe storms and isolated heavy rain/flash flooding possible today for E NM, WTX, and the TX/OK Panhandles.**
- **Severe storms possible for portions of TX and OK Thursday and Friday. Isolated severe storms also for NW AR on Friday.**
- **Record / near record heat continues for much of the Region this week.**



FEMA Region 6 Threat Matrix

May 11, 2022 - May 15, 2022

DAY / THREAT	Wed	Thu	Fri	Sat	Sun
Severe Storms	E NM, W TX TX/OK Panhandles	W/NW TX, W/N OK	OK W/NW TX, NW AR		
Heavy Rain / Flash Flooding	E NM, W TX TX/OK Panhandles		AR, LA, NE OK		
Heat	TX, AR, LA	TX, OK, AR, LA	TX, OK, AR, LA	TX	TX, NM
Fire Weather	NM	NM, TX/OK Panhandles			
Tropical Winds / Surge					
River Flooding	AR, E OK, E TX	AR, E TX	AR, E TX, E LA	AR, E TX, E LA	AR, E TX, E LA

	No Weather Threats Expected
	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

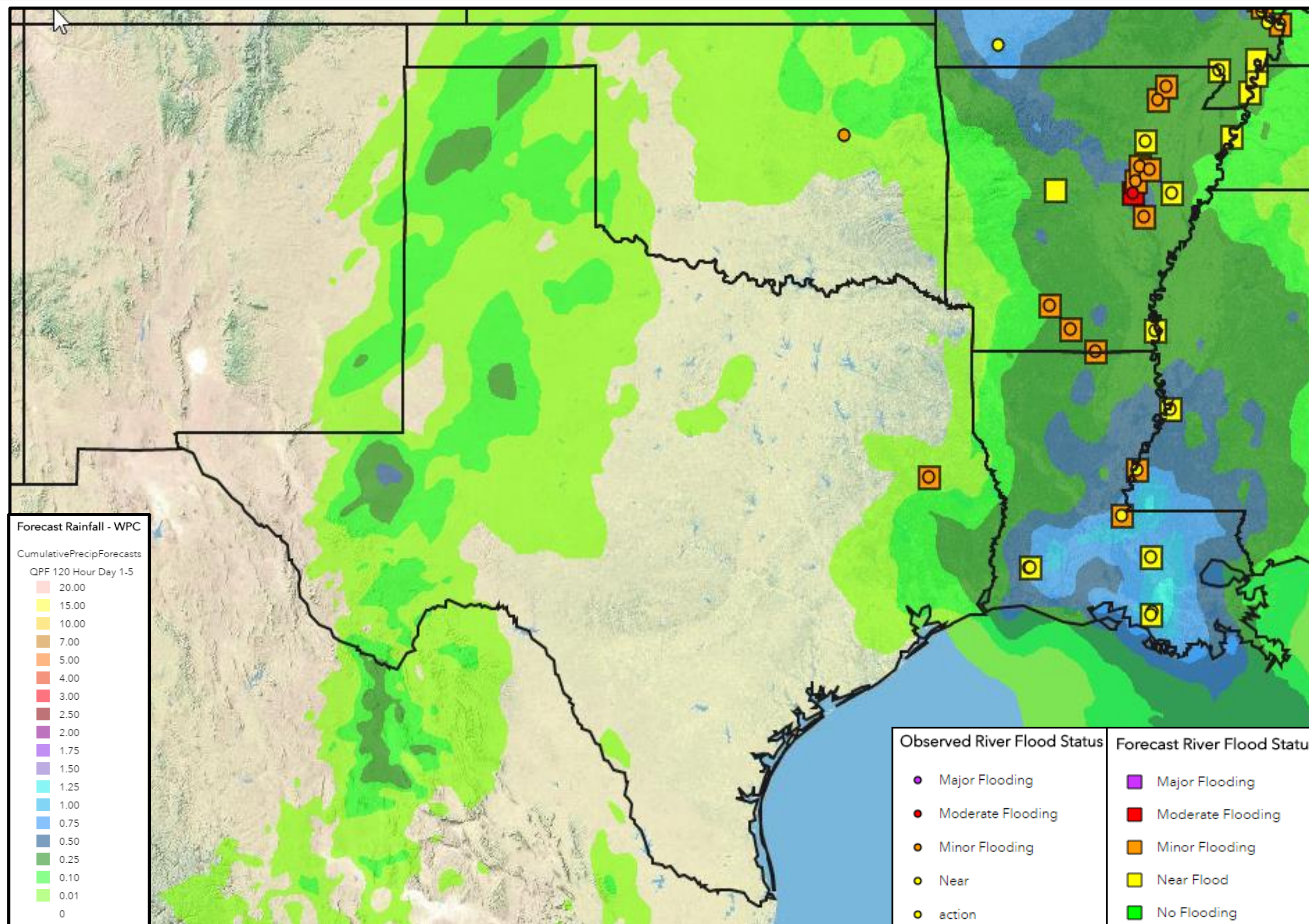
Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.

For more details on the colors in the threat matrix refer to the last slide in this briefing.



5-Day Precipitation Forecast & River Flood Status

Note: Even though the image displays 5 days of forecasted rainfall, river forecasts only include 1-2 days of rainfall



Minor river flooding across parts of AR, E TX, and E OK. Impacts to secondary roads and agricultural / recreational areas.

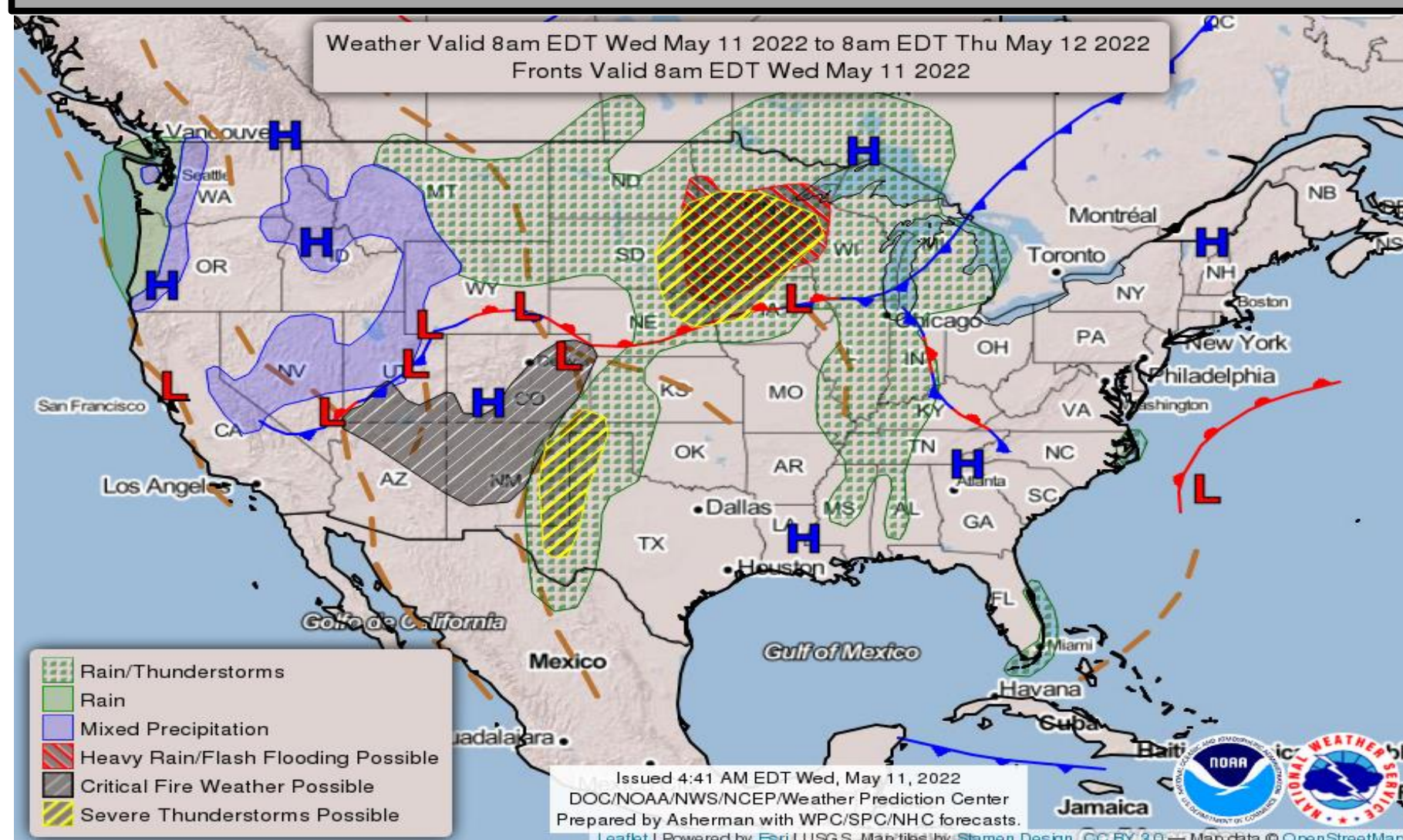
Portions of the Mississippi River will rise into minor flood late this week. Flooding of river islands, recreational camps, river bottom farm land, lowlands along the river, and access roads.

<http://water.weather.gov/ahps> for latest river flooding

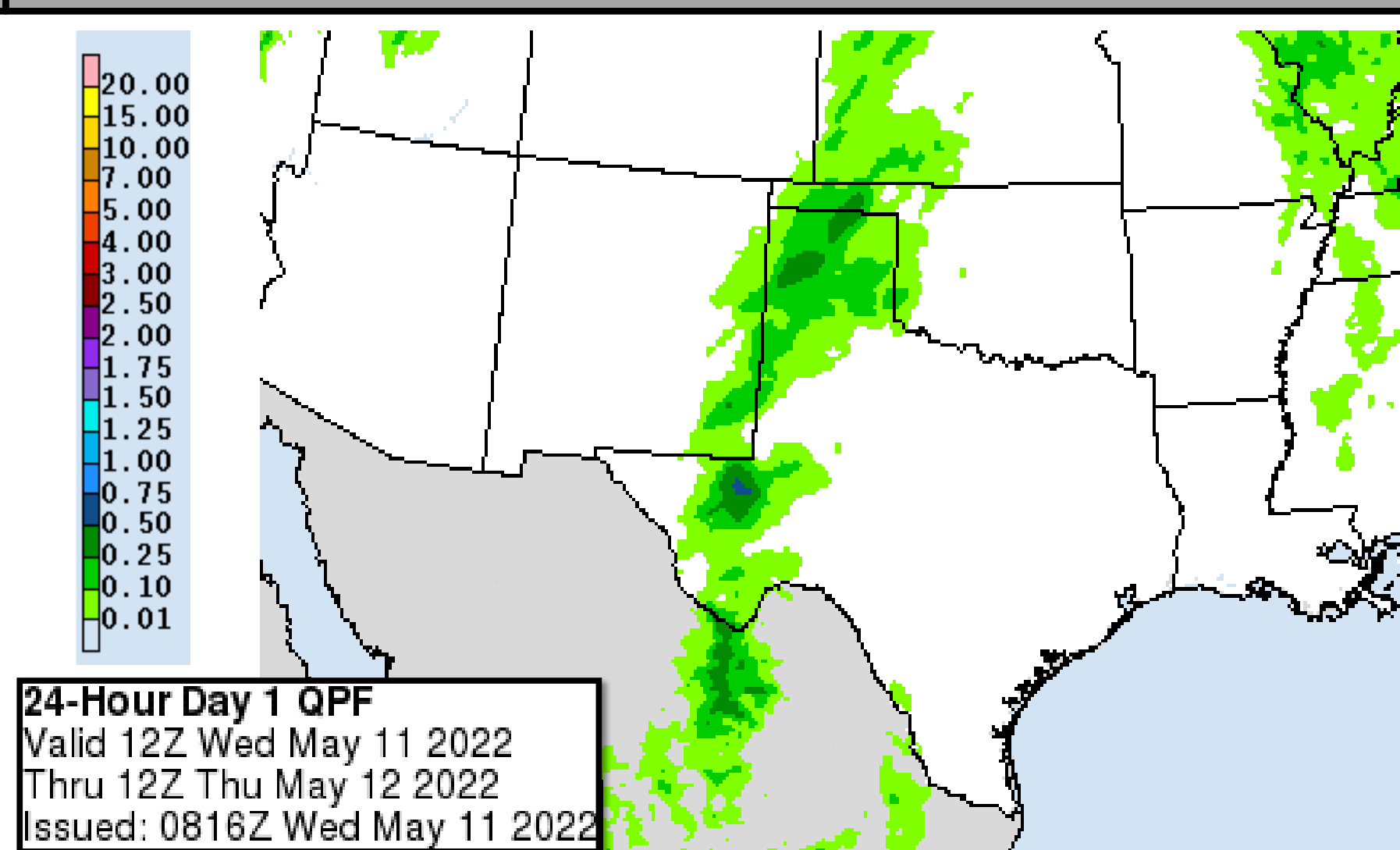


Today's Weather

Forecast Chart



Forecast Rainfall



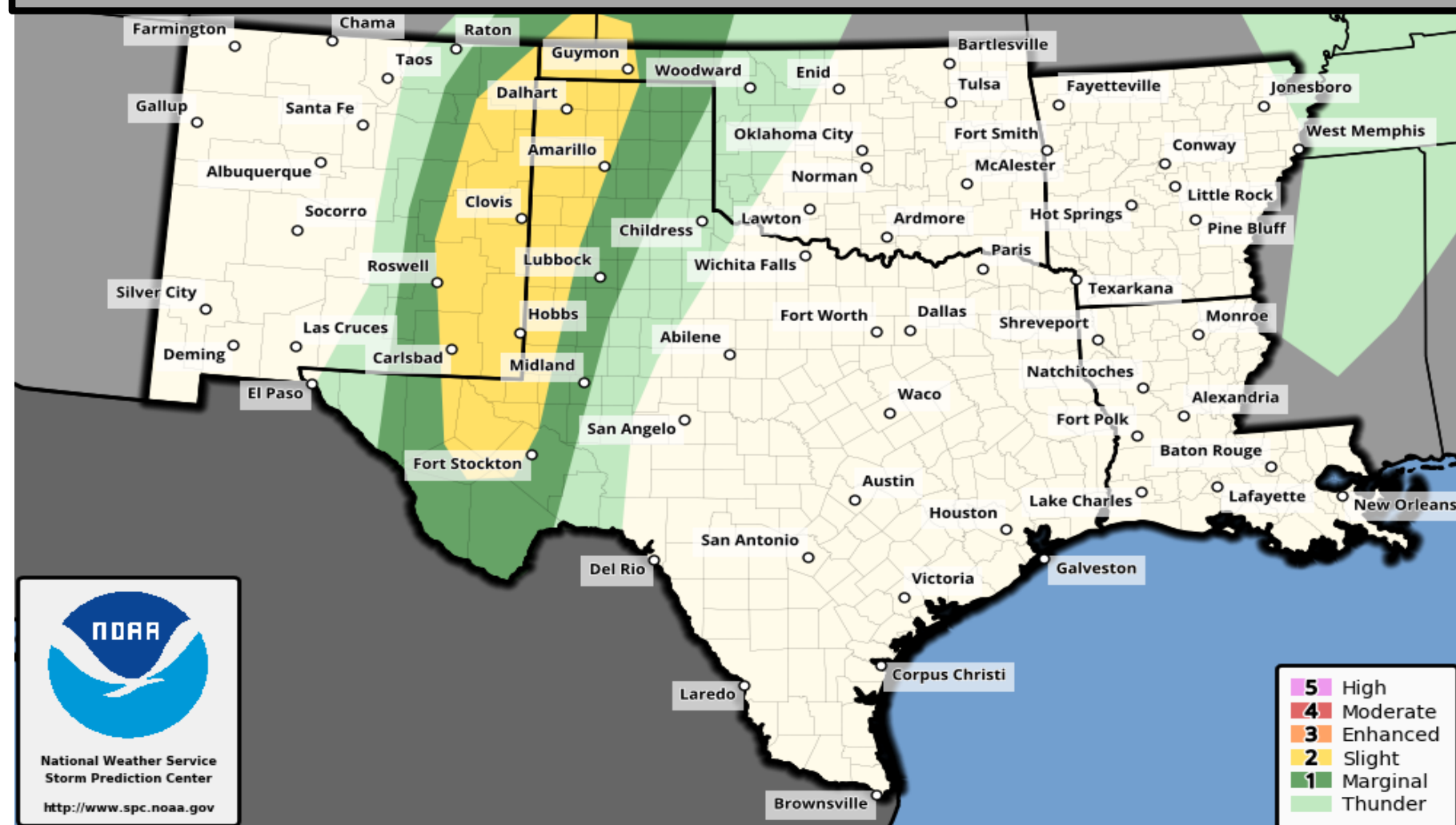
Critical fire weather conditions for much of NM.

Isolated to scattered severe storms with mainly damaging winds and hail for E NM, W TX, and the TX/OK Panhandles.

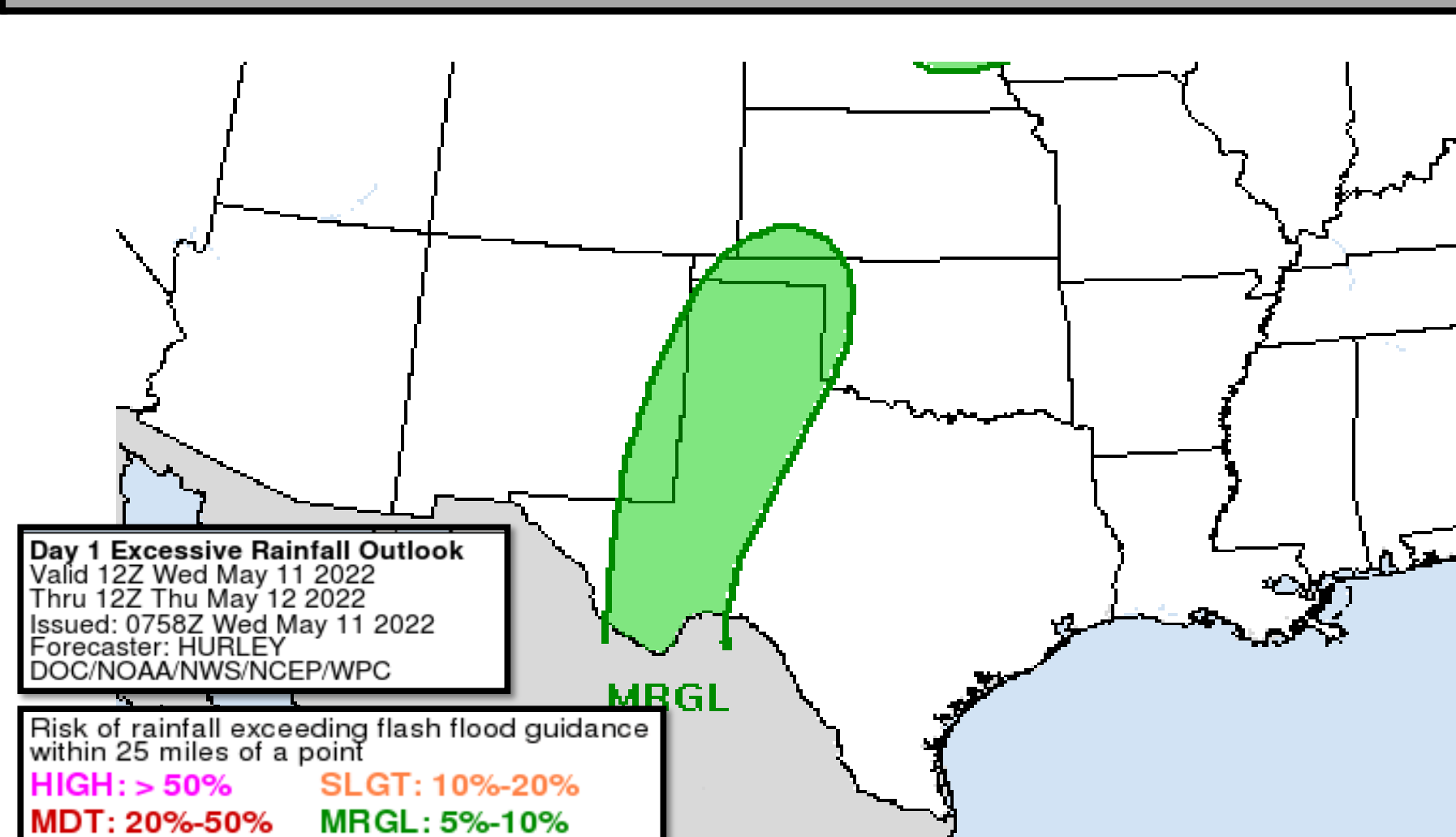
Isolated heavy rain / flash flooding also possible for E NM, W TX, and the TX/OK Panhandles.

Record / near record heat for portions of TX, AR, LA.

Severe Weather Outlook



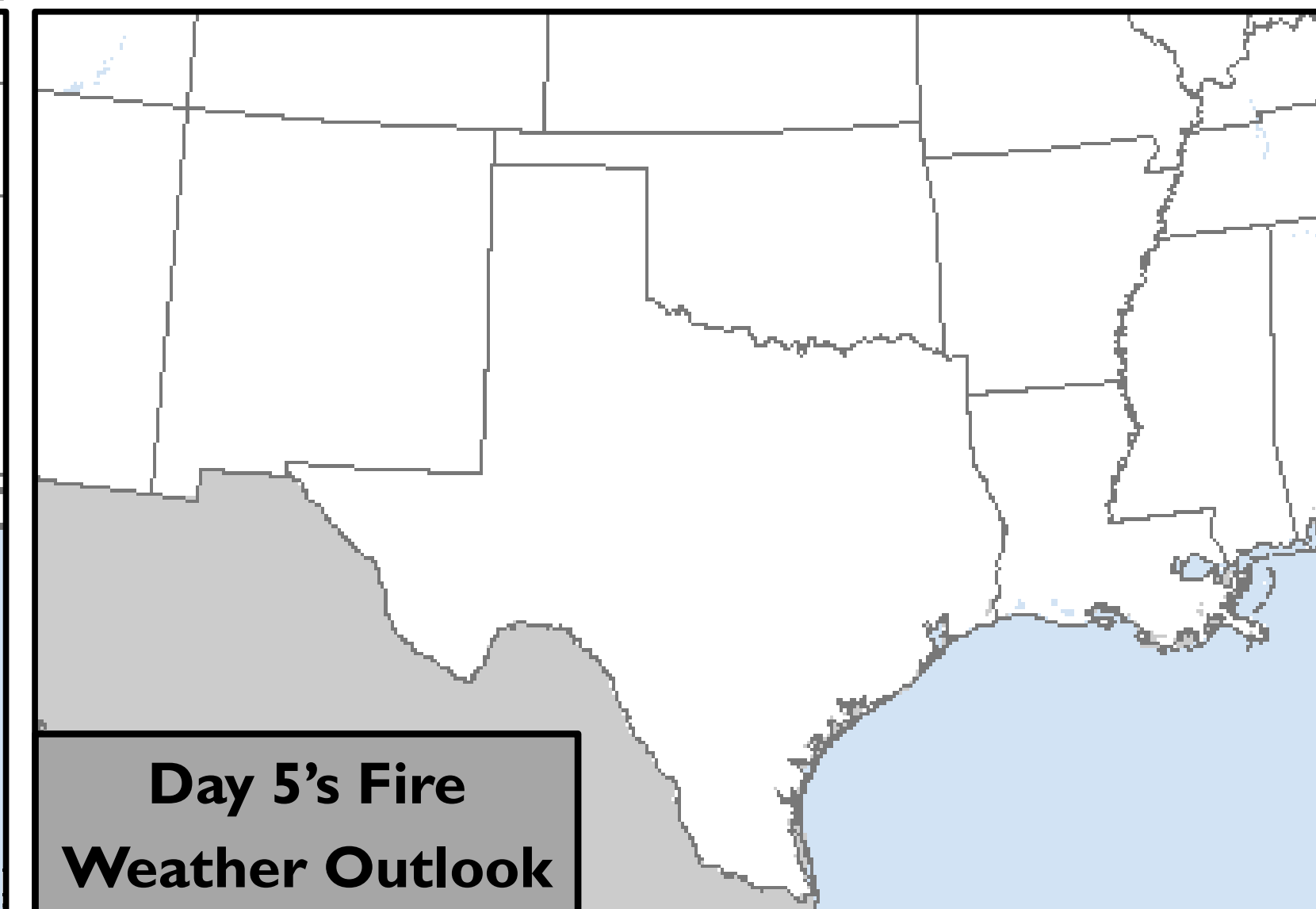
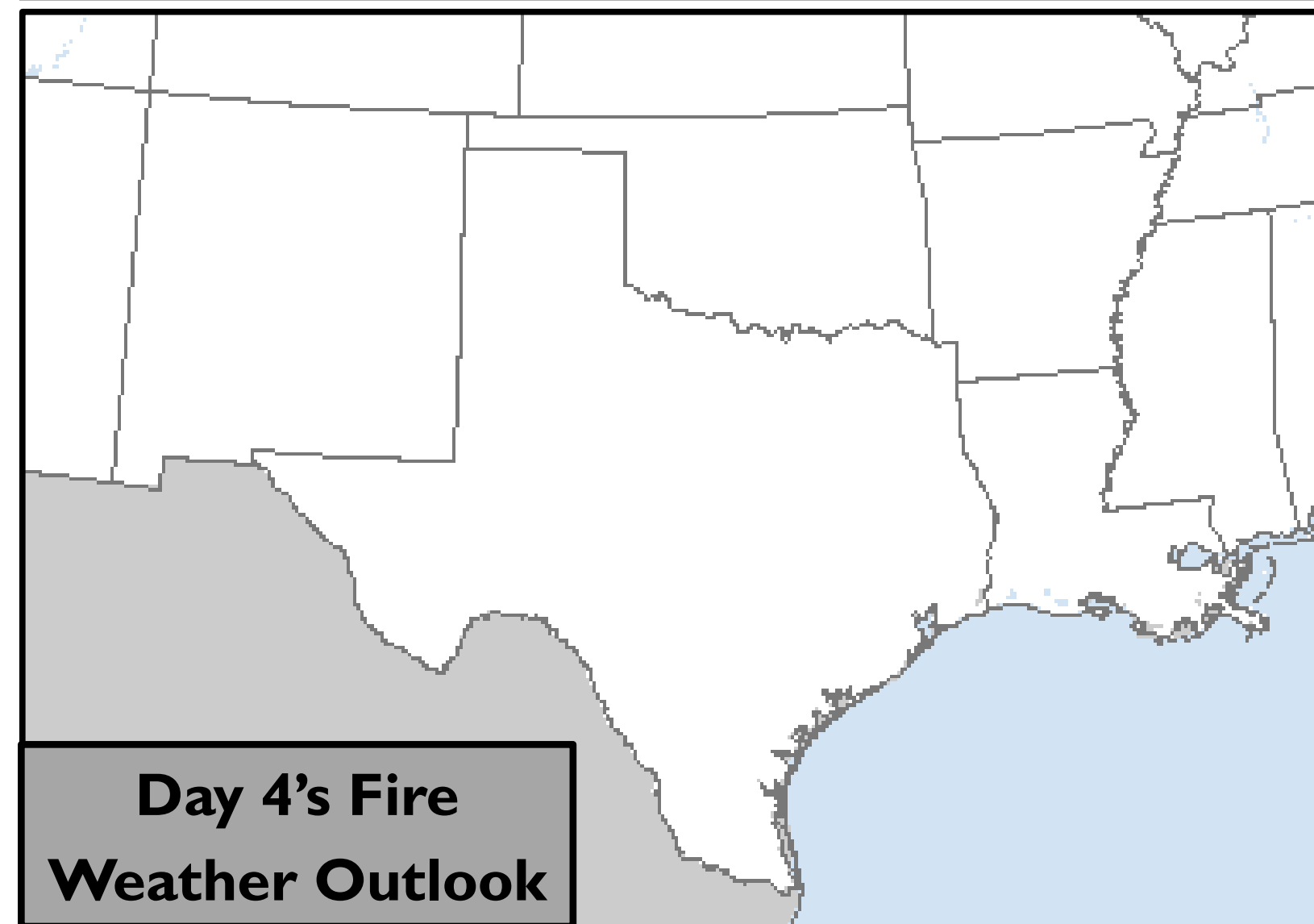
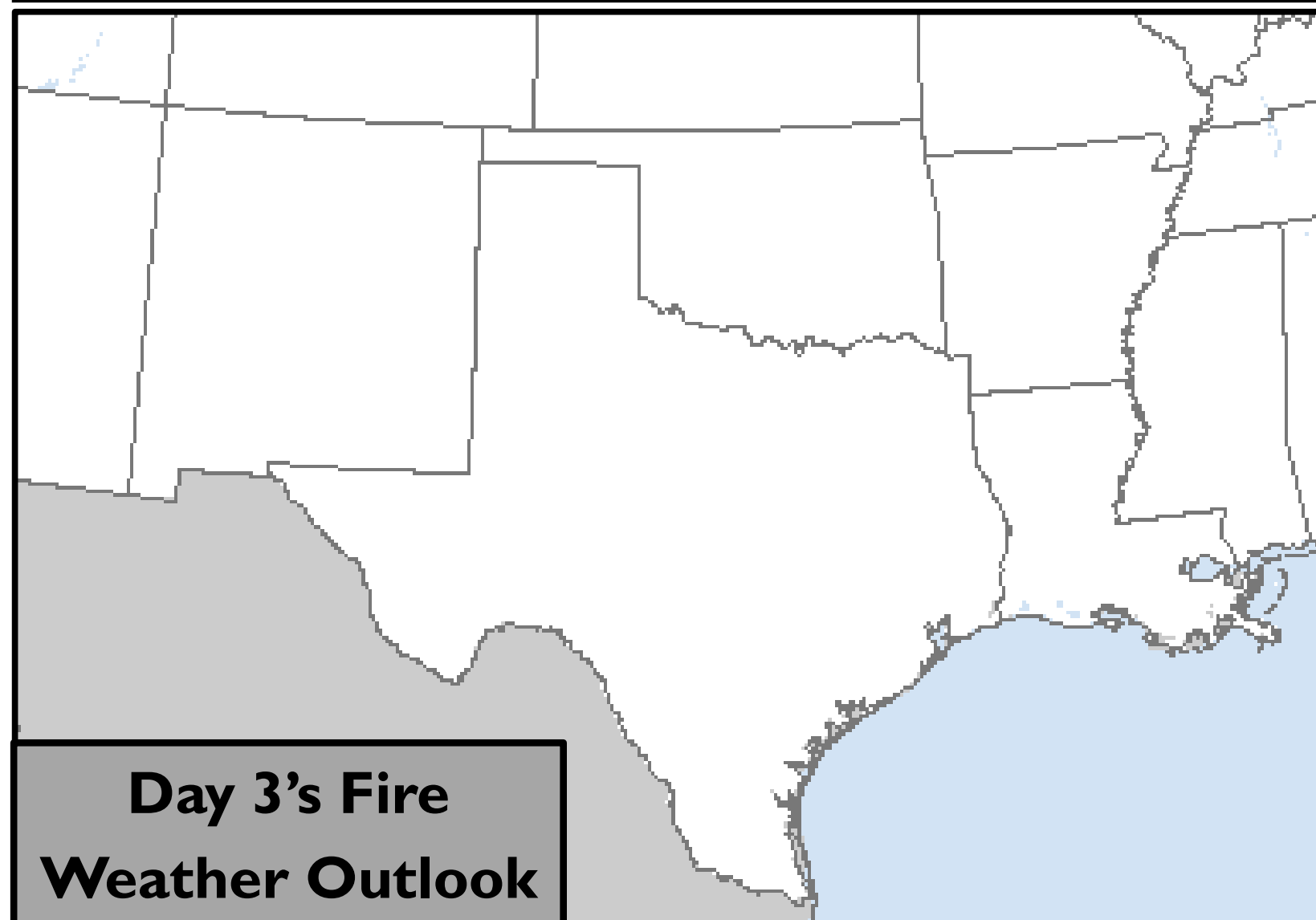
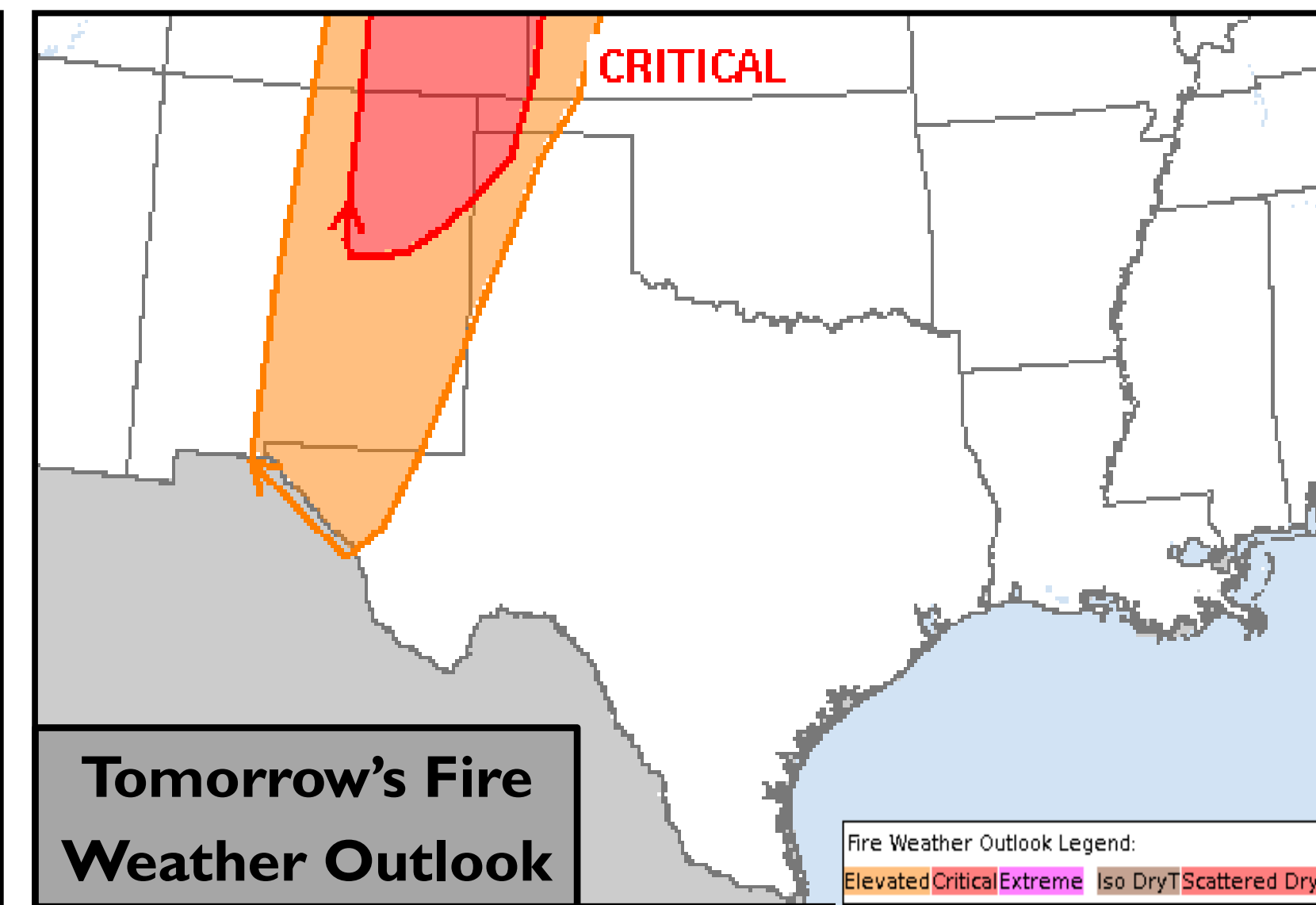
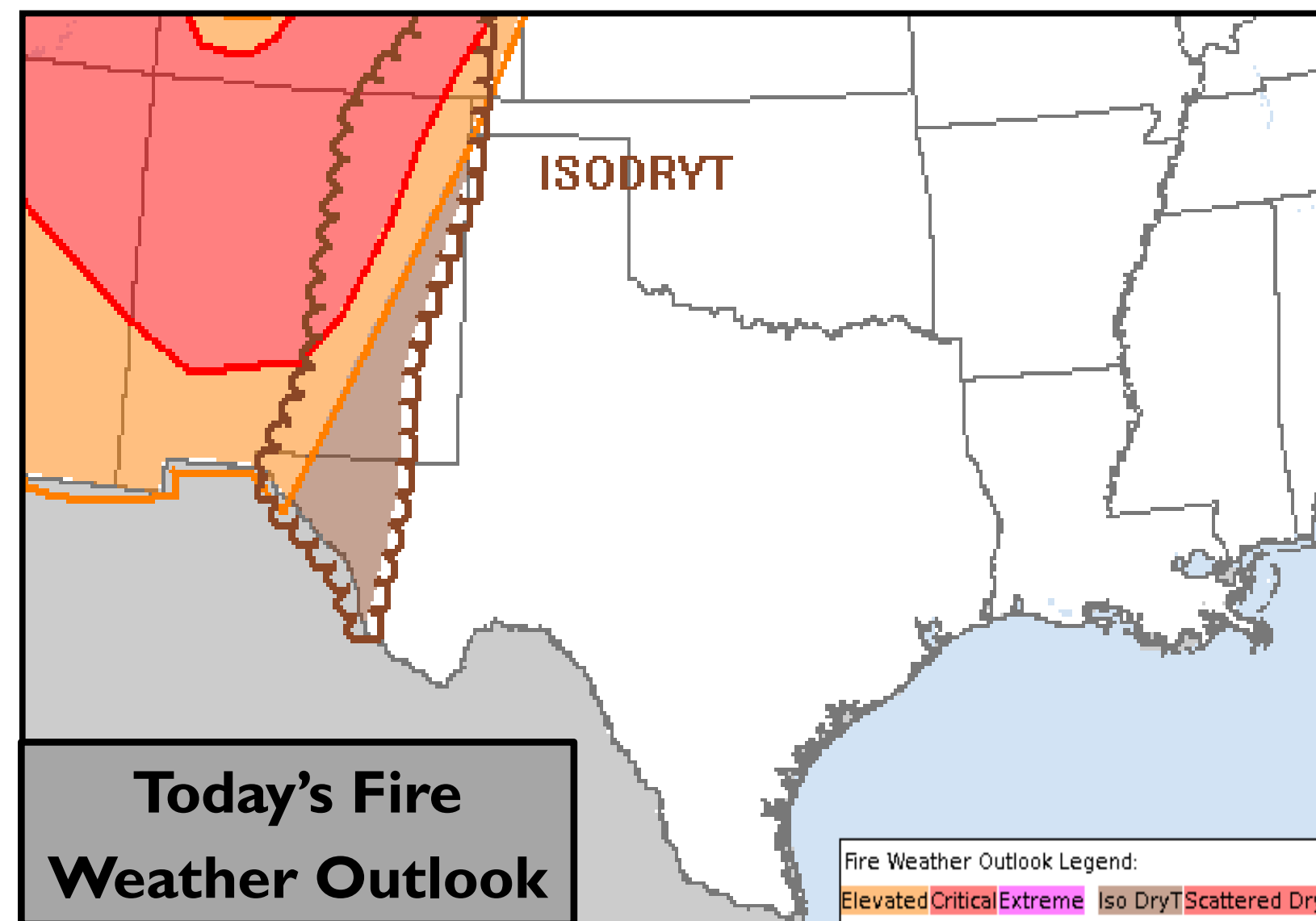
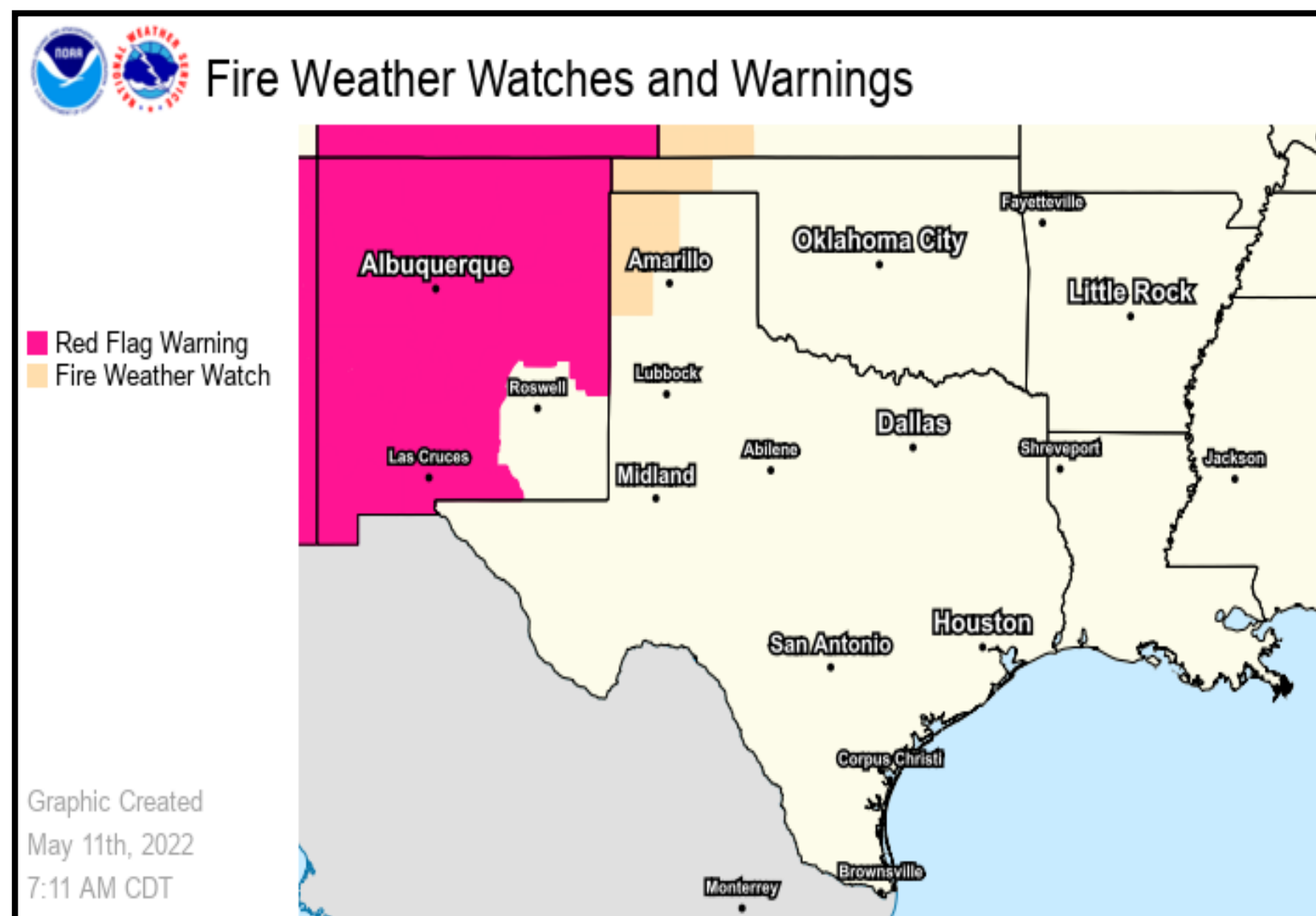
Excessive Rainfall Outlook





Fire Weather Outlooks

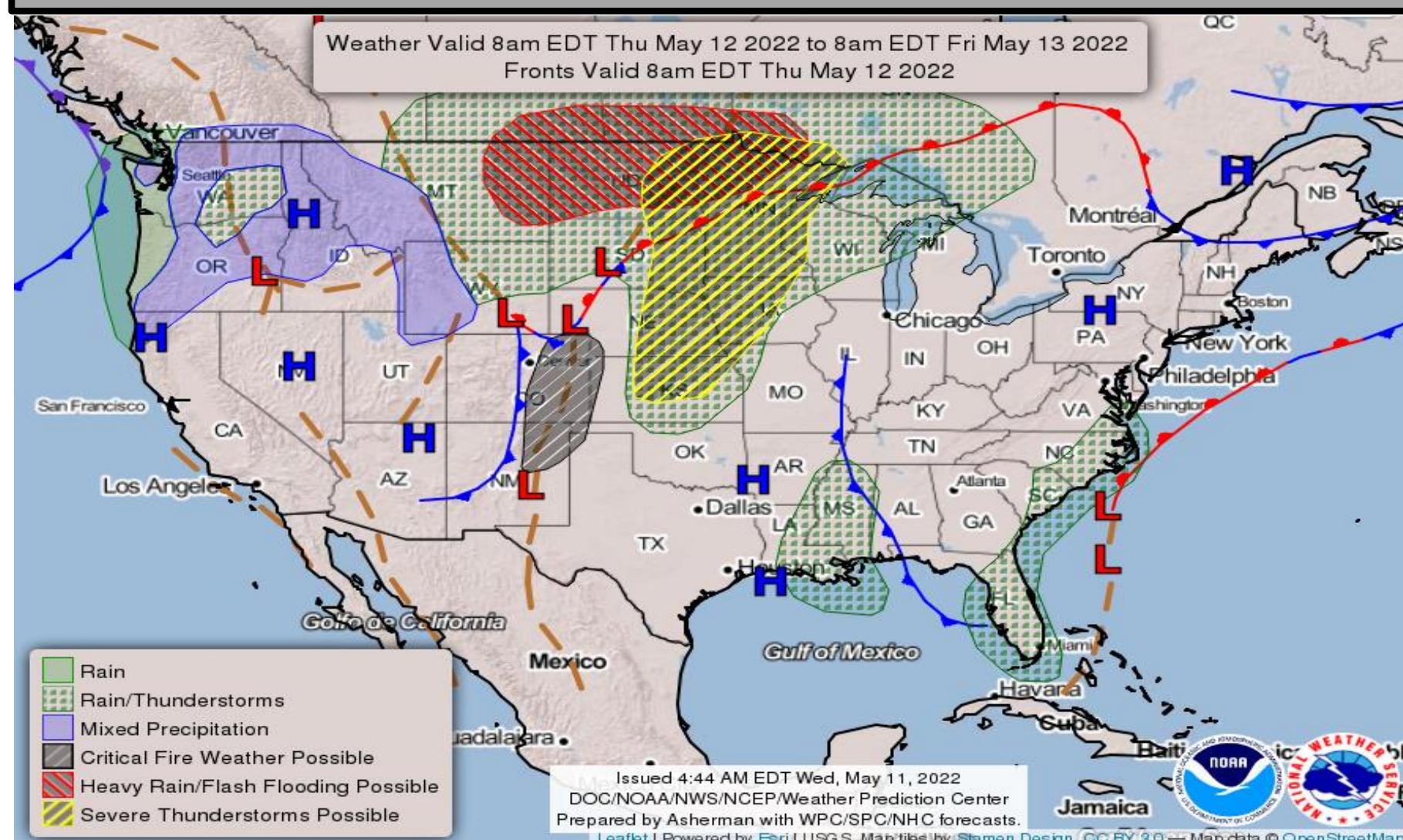
Note: Days 3-5 only highlight critical areas



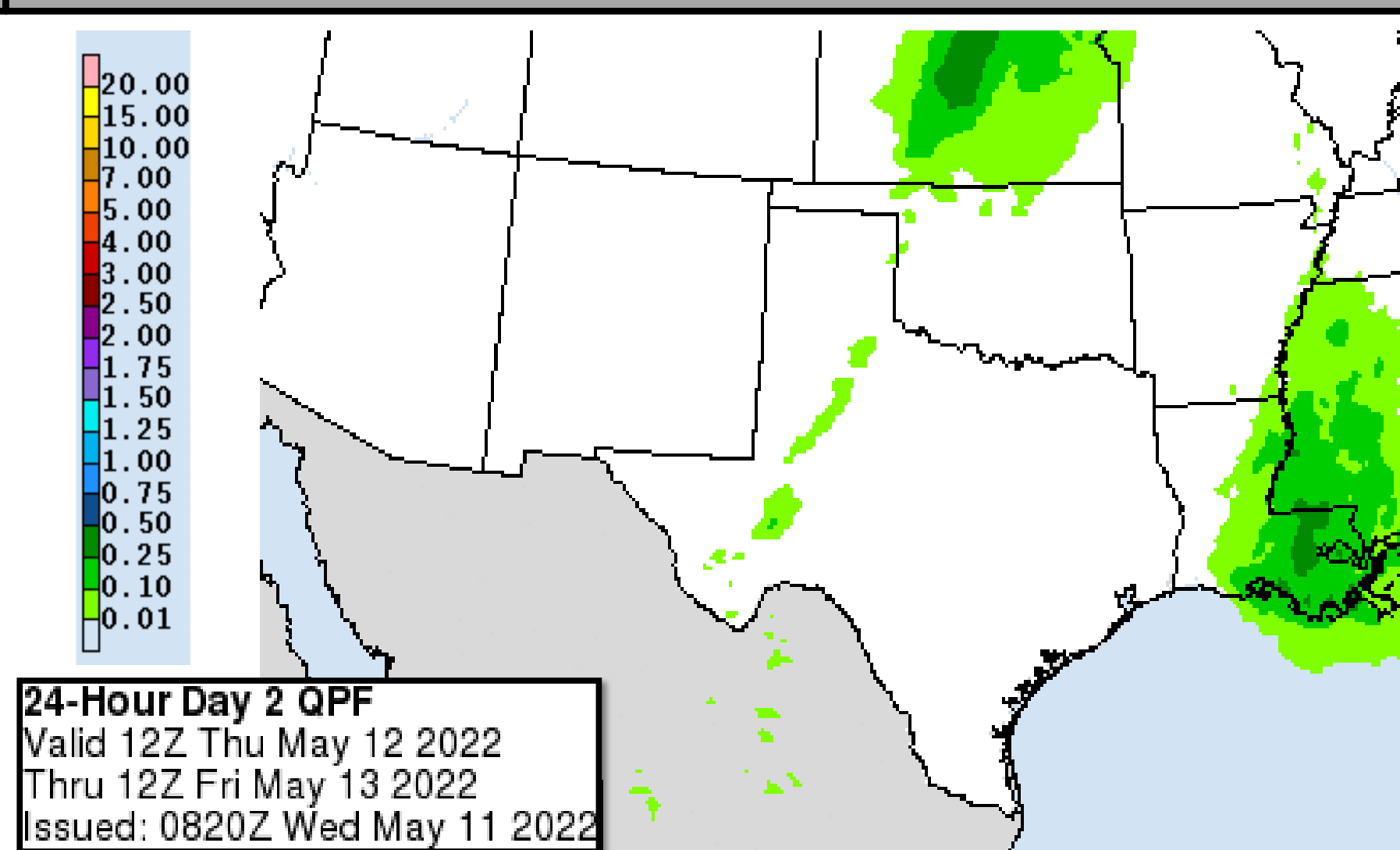


Tomorrow's Weather

Forecast Chart



Forecast Rainfall

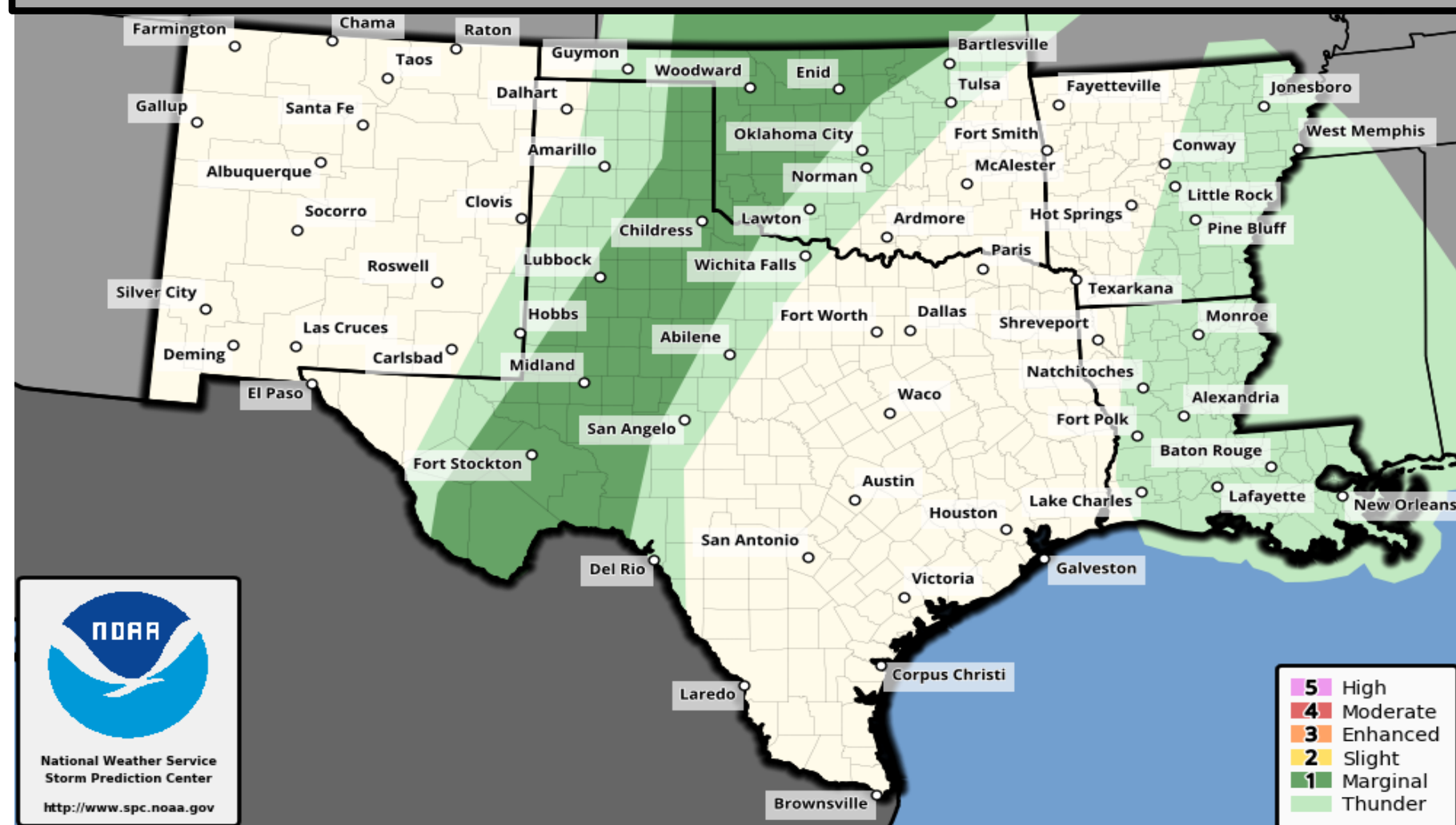


Critical fire weather conditions for portions of NM and the TX/OK Panhandles.

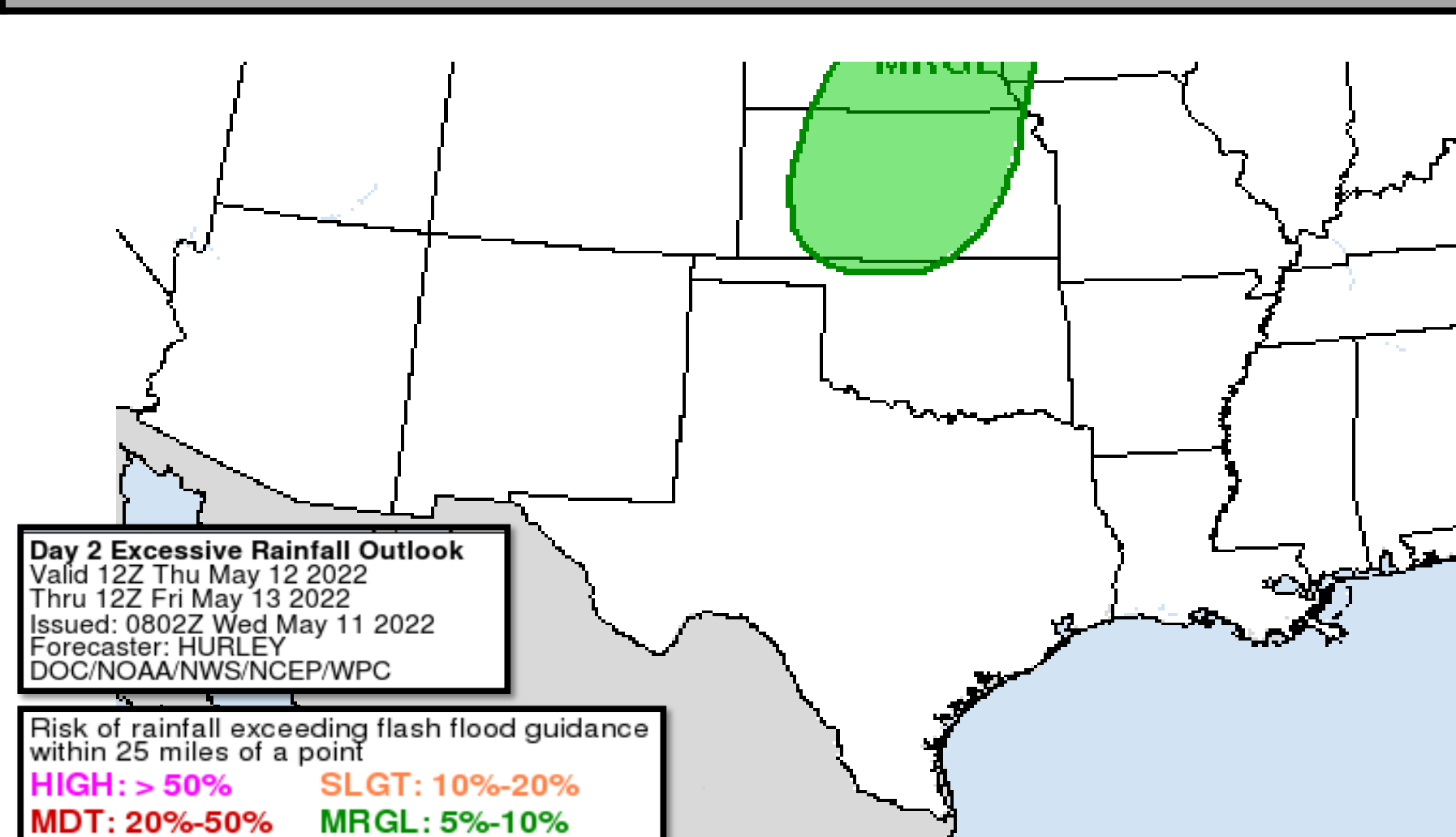
Isolated severe storms with damaging winds and hail for W/NW TX into W/N OK.

Record / near record heat for portions of TX, OK, AR, LA.

Severe Weather Outlook



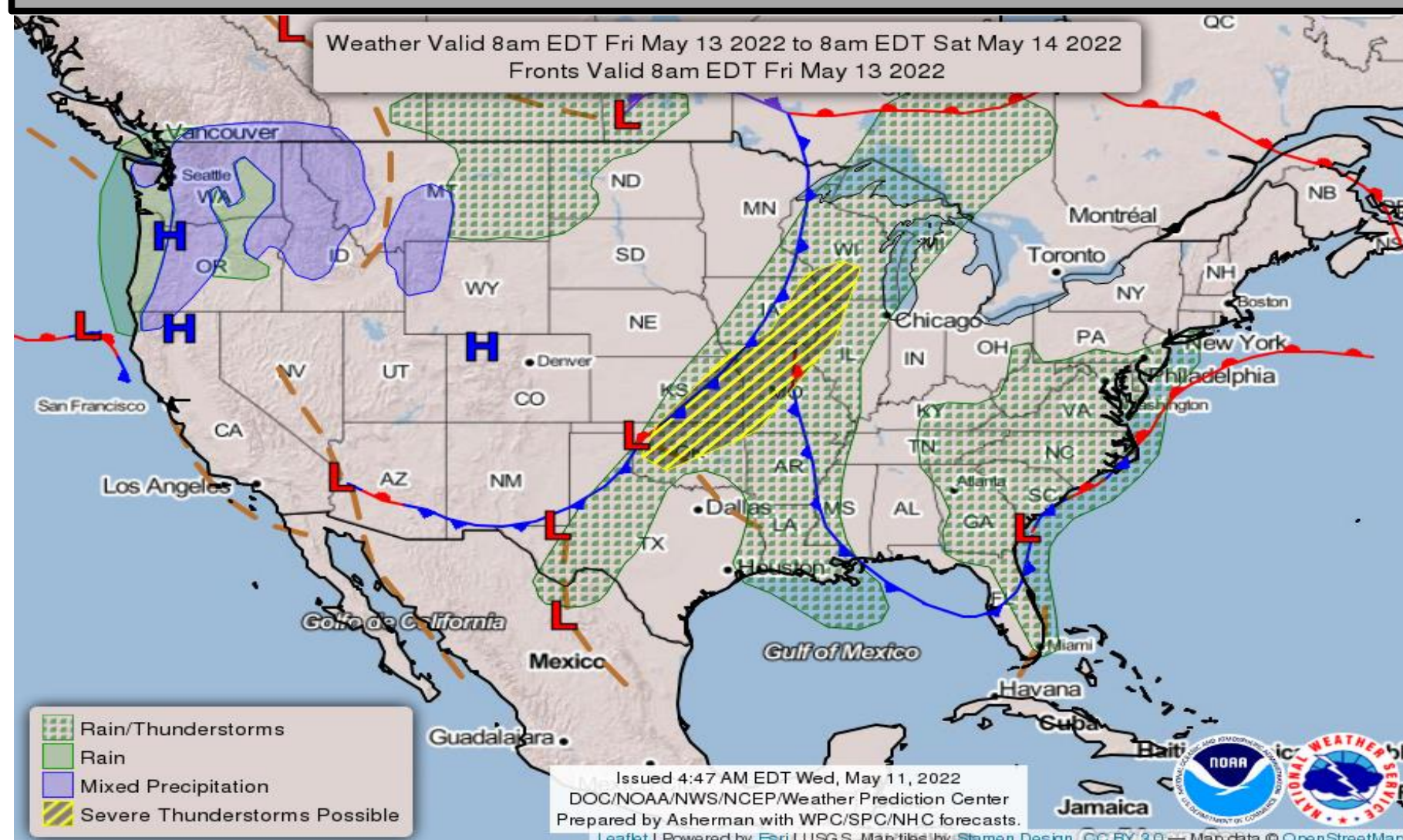
Excessive Rainfall Outlook



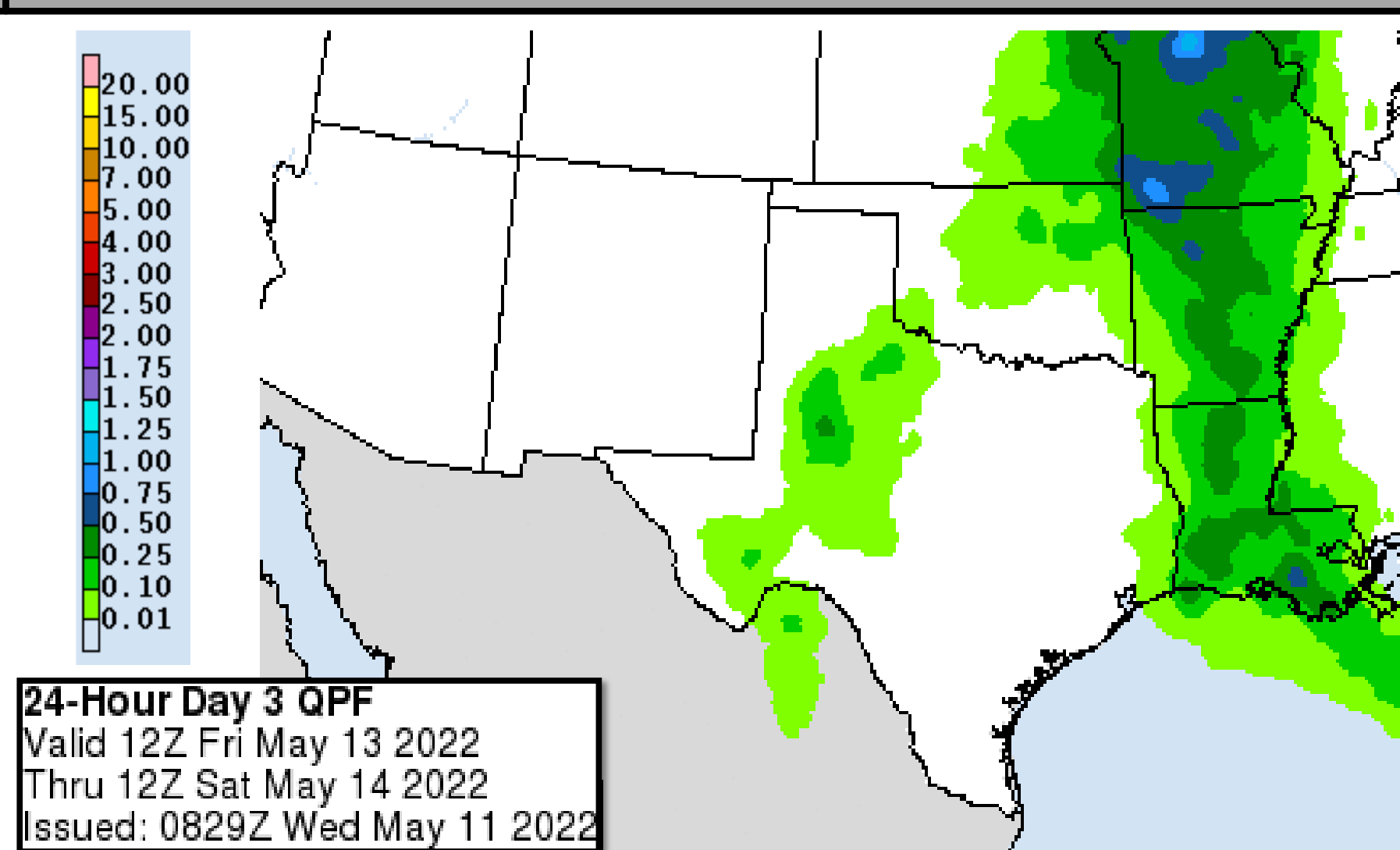


Friday's Weather

Forecast Chart



Forecast Rainfall

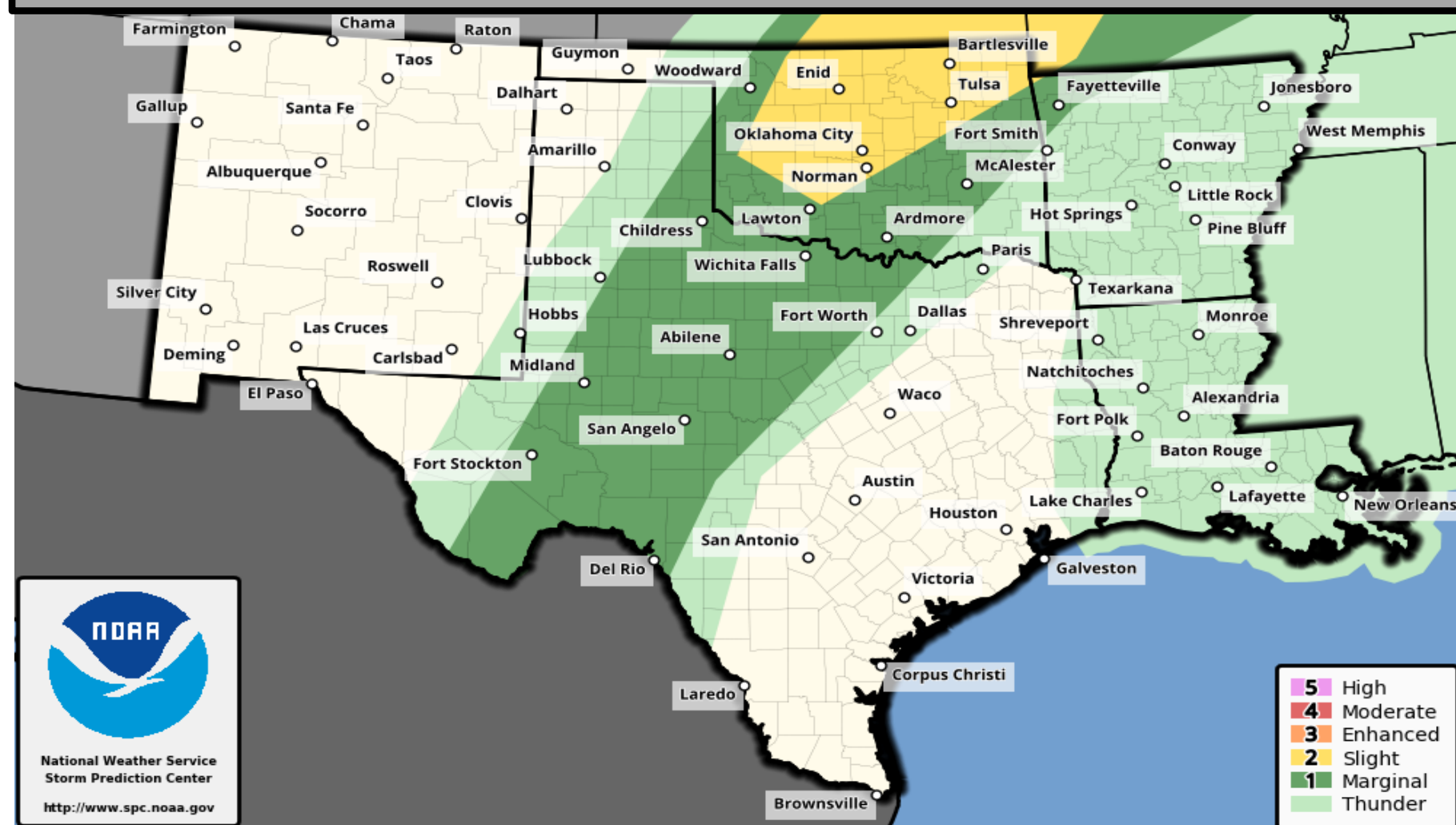


Isolated to scattered severe storms with damaging winds and hail for W/NW TX into OK and NW AR.

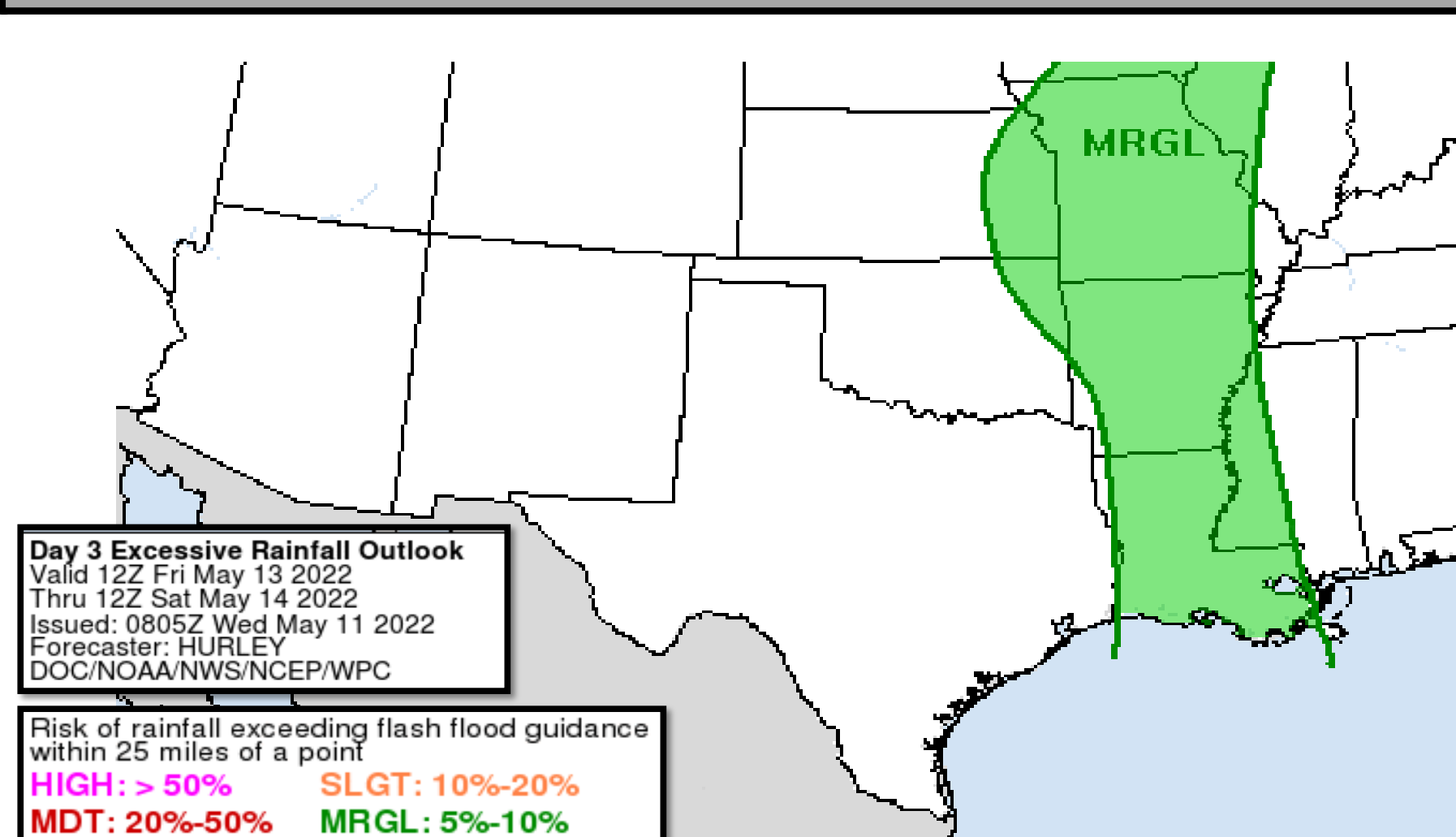
Isolated heavy rain / flash flooding possible for NE OK, AR, and LA.

Record / near record heat for portions of TX, OK, AR, LA.

Severe Weather Outlook



Excessive Rainfall Outlook

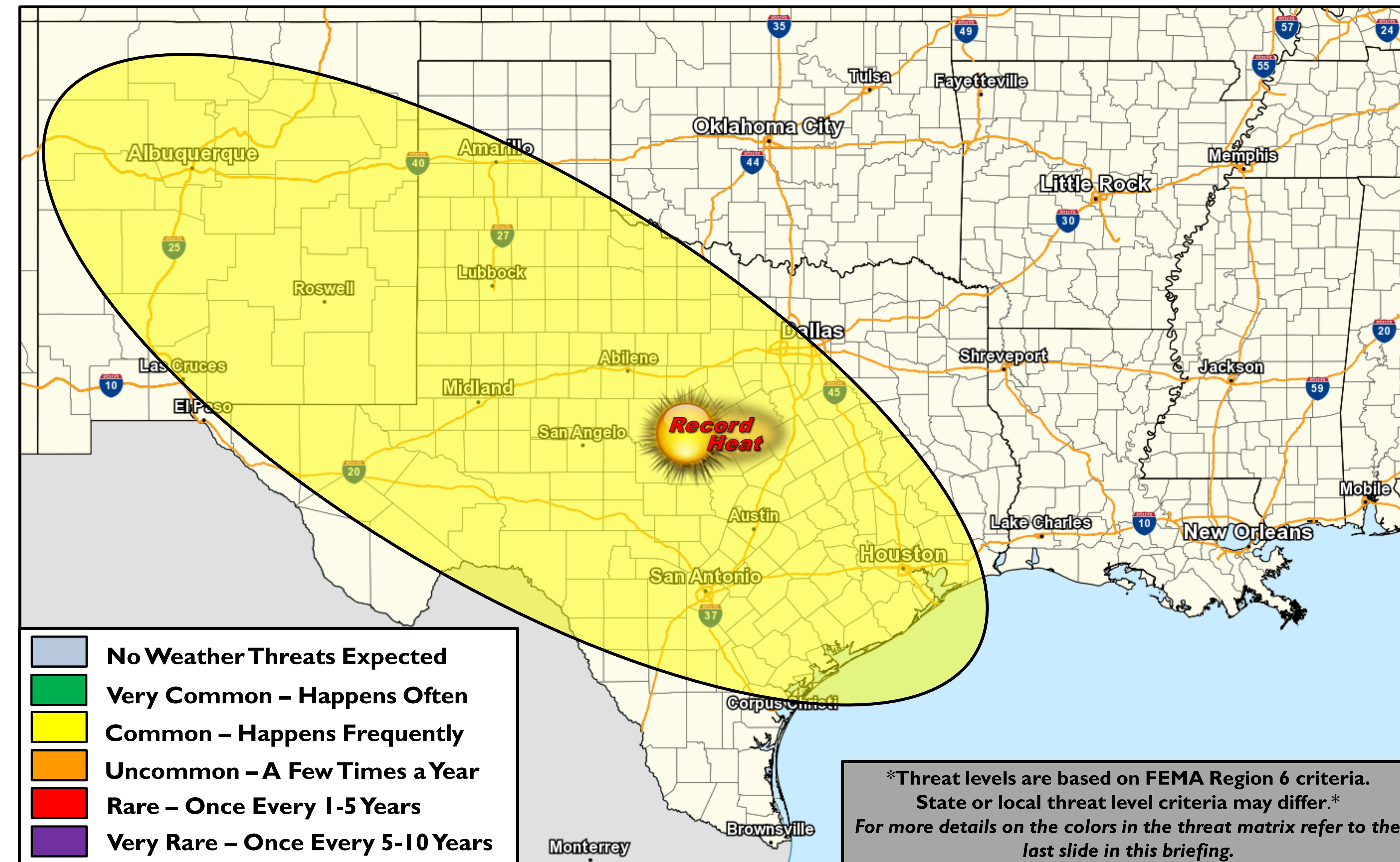




Days 4-5 Weather Hazards

Saturday - Sunday

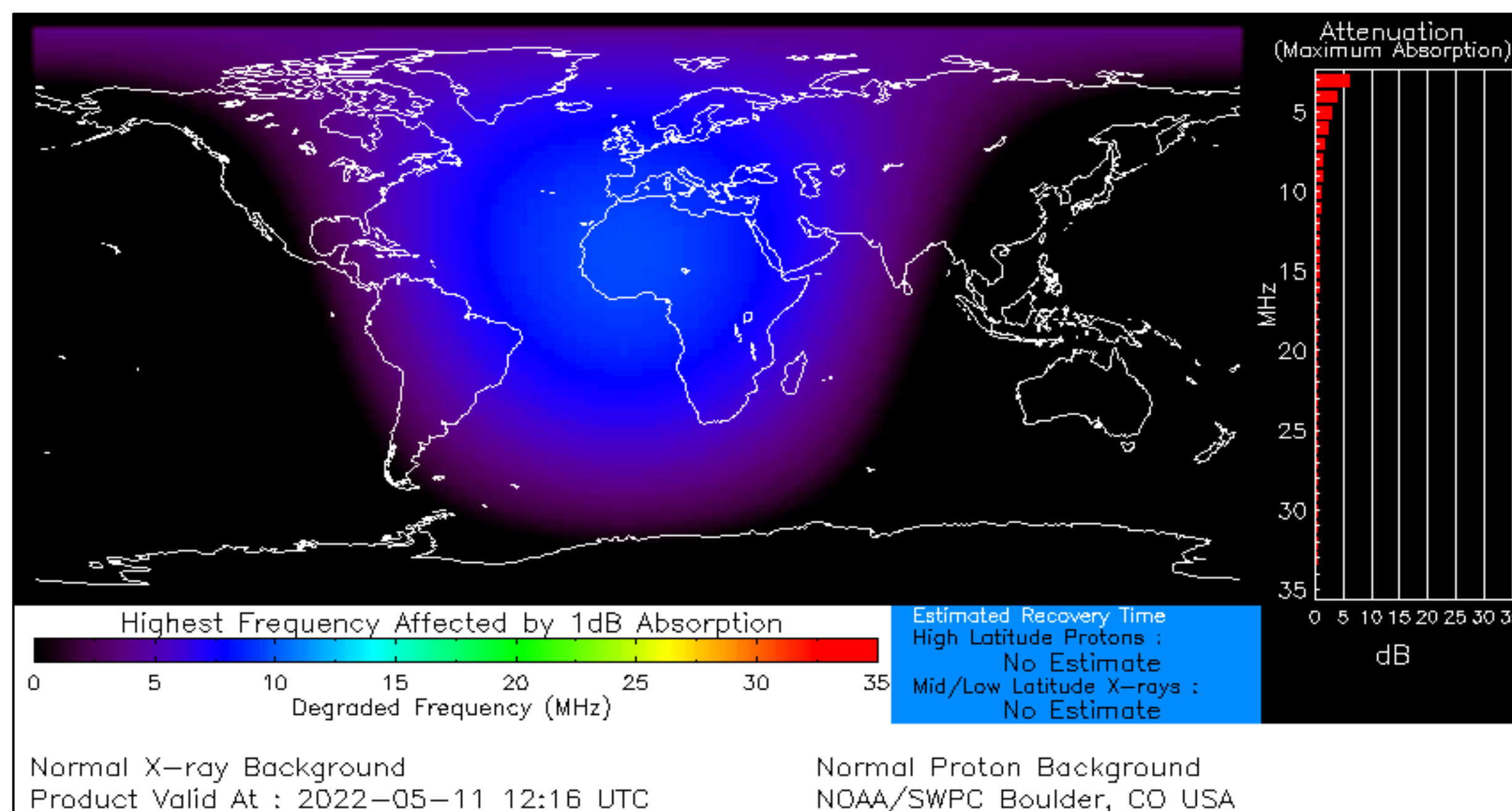
Record / near record heat for portions of TX and NM.





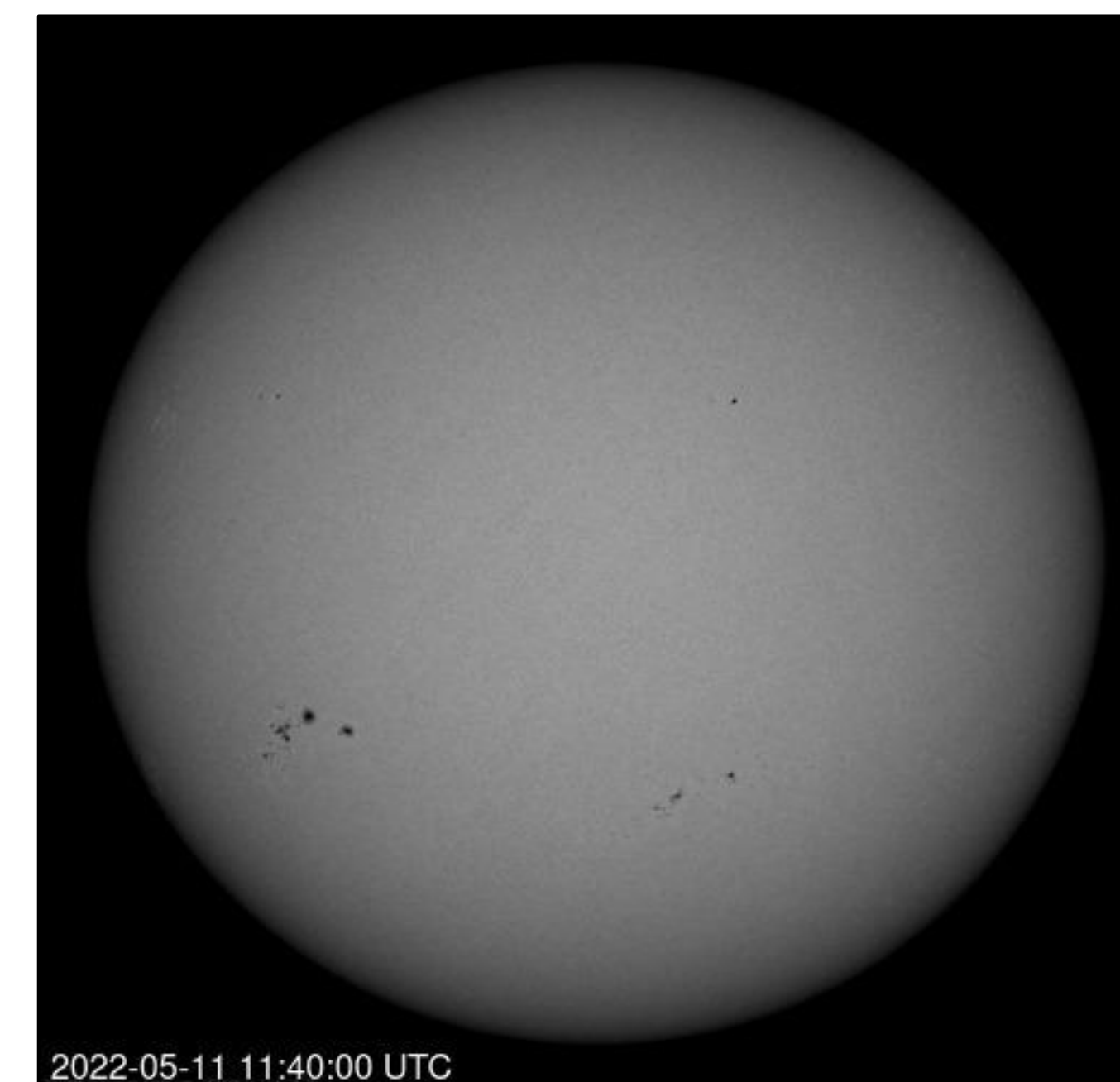
Space Weather 3-Day Forecast

	Wednesday	Thursday	Friday
Geomagnetic Storms	Quiet (Max Kp = 2)	Quiet (Max Kp = 2)	Quiet (Max Kp = 2)
Solar Radiation Storm (S1-S5)	5%	5%	5%
Radio Blackout (R1-R2)	45%	45%	45%
Radio Blackout (R3-R5)	20%	15%	15%



[Click here for a Description of the Space Weather Storm Scales](#)

[Click here for the Latest 3-Day Space Weather Forecast Text](#)





For more information, please contact:

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Fort Worth, TX

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Web: <http://www.weather.gov/srh>



Weather “Threat” Matrix for FEMA Region VI

Color	Definition	Criteria	Example(s)
Green	Very Common Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active	<ul style="list-style-type: none"> Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees Something that happens almost every day in a particular season such as sea breeze storms in coastal TX
Yellow	Somewhat Common – Happens Frequently Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook	<ul style="list-style-type: none"> 2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1” hail
Orange	Uncommon – A Few Times a Year Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions	<ul style="list-style-type: none"> A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail Some large fires reported, burn bans advertised, critical conditions expected
Red	Rare – Once every 1-5 Years Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought	<ul style="list-style-type: none"> A Category 1 hurricane will be moving towards the NW Gulf in the next few days Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail Large fires ongoing throughout the area with critical fire weather conditions expected to continue
Purple	Very Rare – Once Every 5-10 Years Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought	<ul style="list-style-type: none"> A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms

Criteria for the color codes in this briefing is to the left, please provide any feedback to

sr-srh.roc@noaa.gov